

ABSTRACT

Substantially pure glycosidases capable for
cleaving selected glycosidic bonds have been described
including glycosidases isolated from *Xanthomonas* and
recombinant glycosidases. Substrate specificity of
isolated enzymes have been identified for GlcNac β 1-X,
Gal α 1-3R, Gal α 1-6R, Gal β 1-3R, Fuca-2R, Fuc α 1-3R,
Fuc α 1-4R, Man α 1-2R, Man α 1-3R, Man α 1-6R, Man β 1-4R,
Xyl β 1-2R, Glc β 1-4R, and Gal β 1-4R providing improved
capability for selectively cleaving a glycosidic
linkage in a carbohydrate substrate and for forming
modified carbohydrates.